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**THIRD AND FOURTH MONTHLY PROGRESS REPORTS  
IMAGE QUALITY METER**

[REDACTED]

STATINTL

For Period 17 August to 17 October, 1960

At this stage in the development of the Image Quality Meter, effort may be effectively expended in only two areas: electronic circuit design of the analog computer elements, and design of the electro-mechanical scanner.

In the former case, early decisions as to the most suitable commercially available analog computing "building-blocks" were made prior to this reporting period, and these items were placed upon order. After some delay the vendor has just delivered a substantial quantity of these units. Receipt of this shipment justified assignment of a senior circuit design engineer to the computer, and this has been done. Supporting technician effort was also applied.

In the second case, the scanner design has been related to that of the Enhancement Instrument for most economical development and production under both programs. As previously reported, it may be as much as one month behind schedule. Heavy effort is being devoted to the design areas in risk of slippage, to win back any incipient delays.

For the reasons stated above, only very minor expenditures in labor (less than [REDACTED]) have been charged to the Image Quality Meter. The rate of effort will rise sharply with the analog computer work now under way. The only substantial costs to date have been for long-lead-time material items, totalling about [REDACTED]

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Progress is fully commensurate with expenditures.

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